

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104468.D
 Acq On : 12 Apr 2018 22:57
 Operator : JU/SJ
 Sample : J2337-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200029

Quant Time: Apr 13 01:33:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113803	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	439310	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	172185	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	268562	20.00	ng	0.00
75) Chrysene-d12	13.99	240	217392	20.00	ng	0.00
86) Perylene-d12	15.45	264	157983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	897673	120.61	ng	0.02
7) Phenol-d6	6.45	99	977345	106.88	ng	0.00
23) Nitrobenzene-d5	7.37	82	726887	108.04	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	235728	131.98	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1197089	109.83	ng	0.00
78) Terphenyl-d14	12.93	244	996394	104.49	ng	0.00

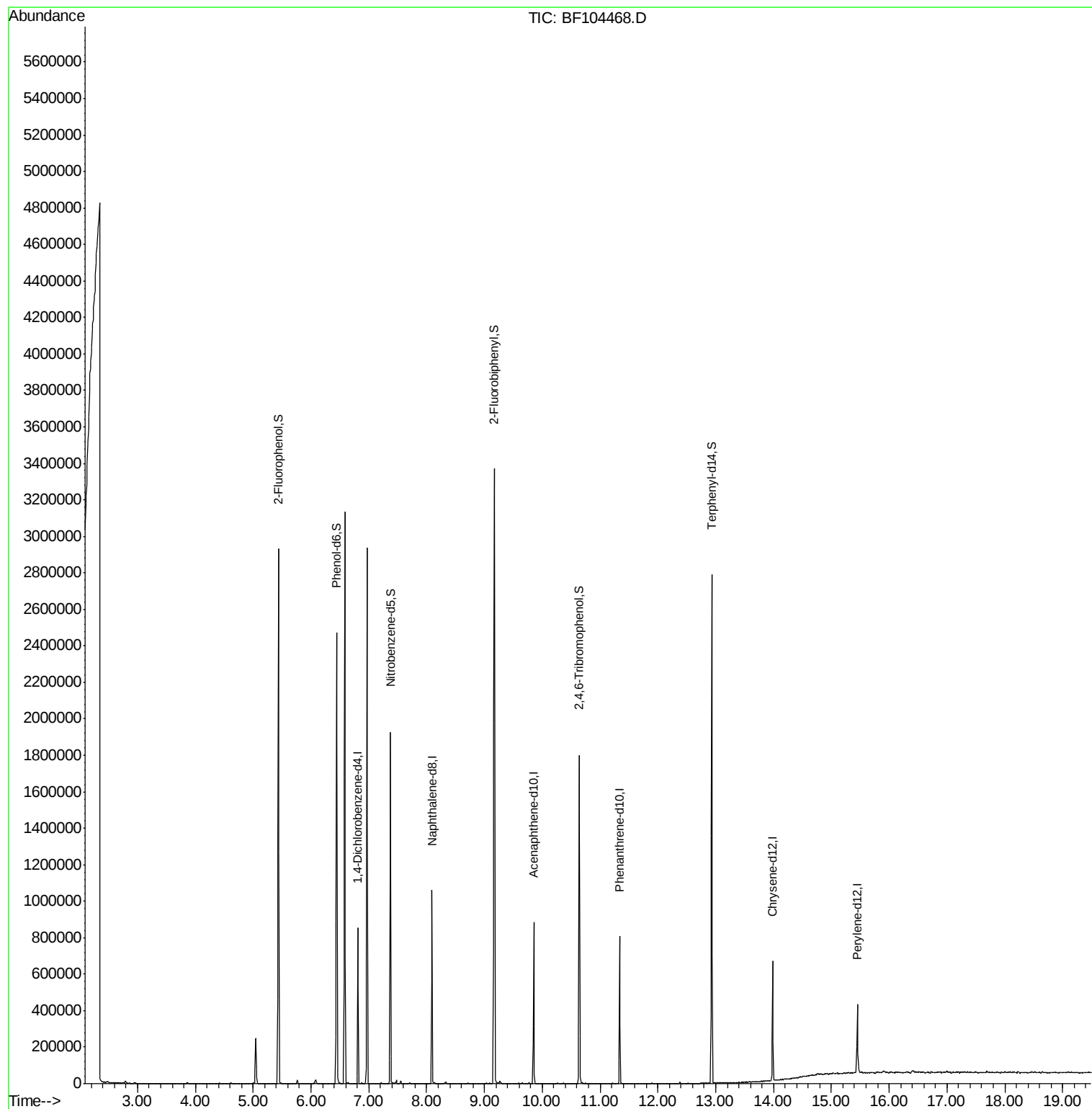
Target Compounds Qvalue

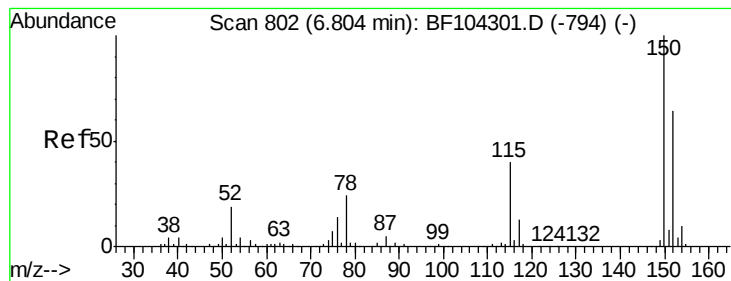
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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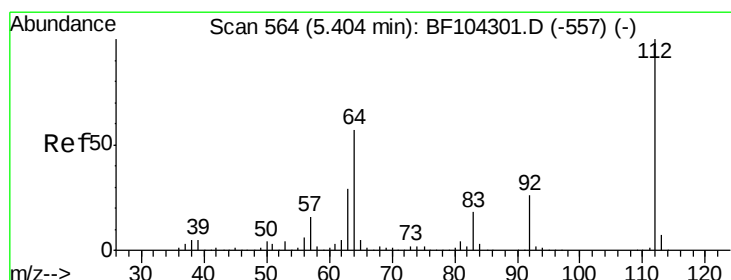
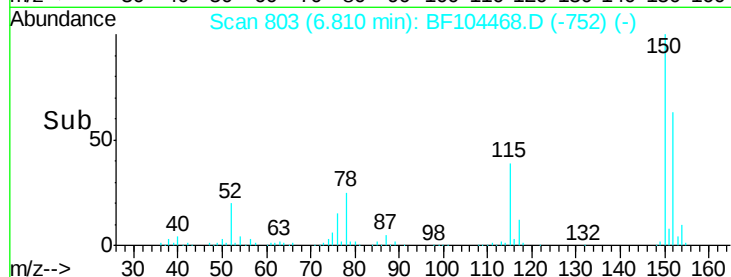
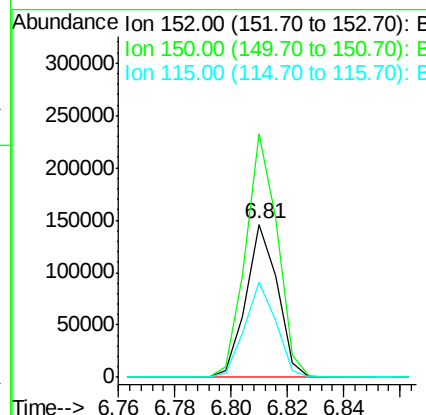
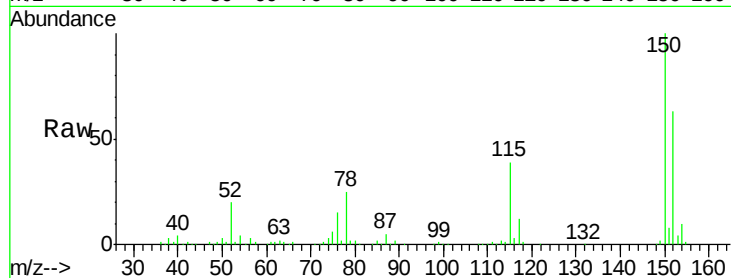


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104468.D
 Acq: 12 Apr 2018 22:57

Instrument :
 BNA_F
 ClientSampleID :
 RBR200029

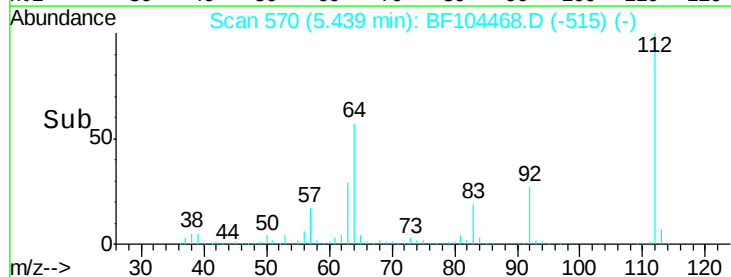
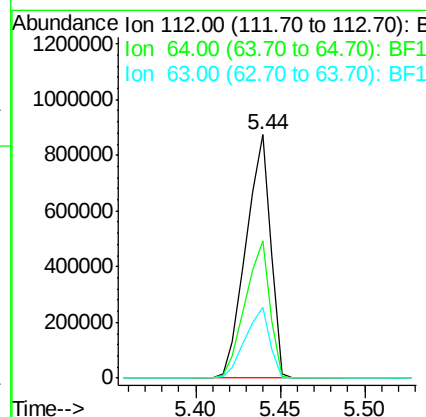
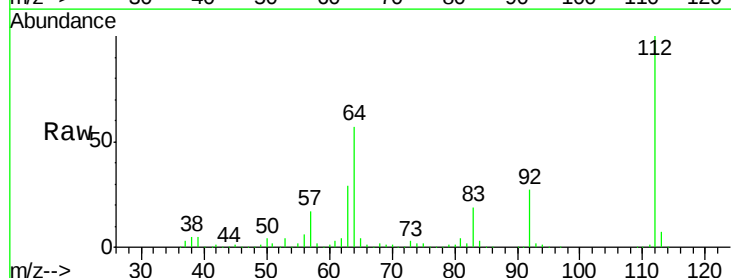
Tot Ion:152 Resp: 113803
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 61.9 50.1 75.1



#5

2-Fluorophenol
 Concen: 120.611 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF104468.D
 Acq: 12 Apr 2018 22:57

Tgt Ion:112 Resp: 897673
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 106.876 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104468.D

Acq: 12 Apr 2018 22:57

Instrument :

BNA_F

ClientSampleId :

RBR200029

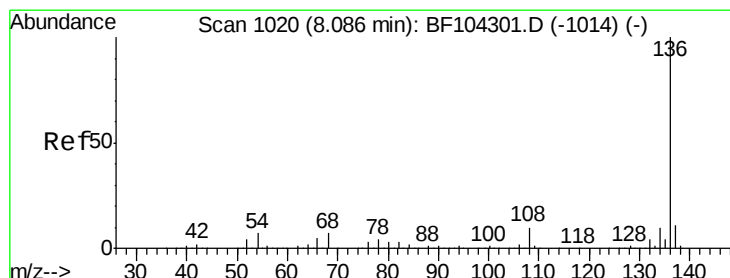
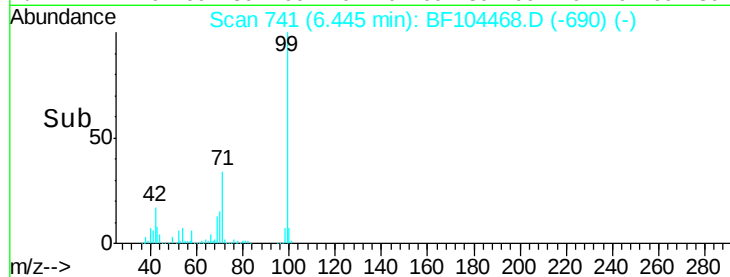
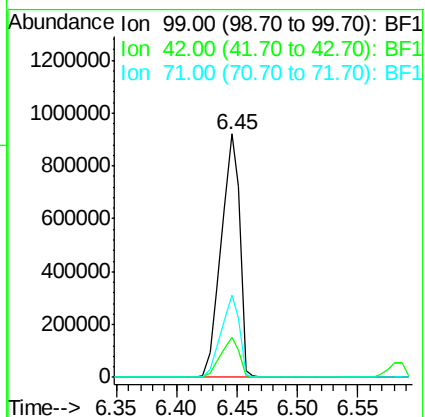
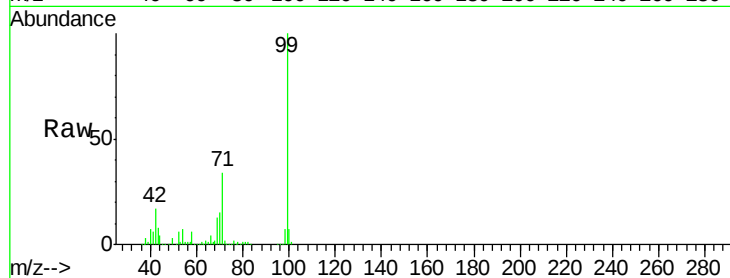
Tot Ion: 99 Resp: 977345

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 33.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104468.D

Acq: 12 Apr 2018 22:57

Tgt Ion: 136 Resp: 439310

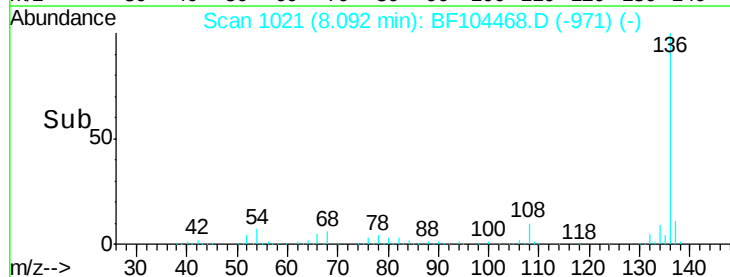
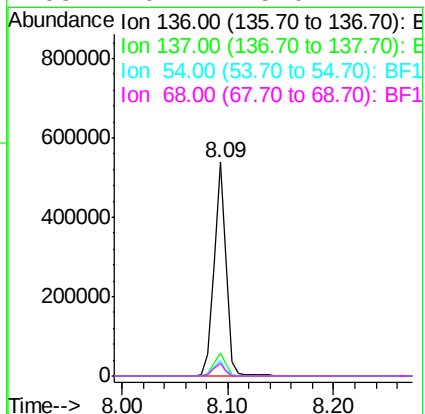
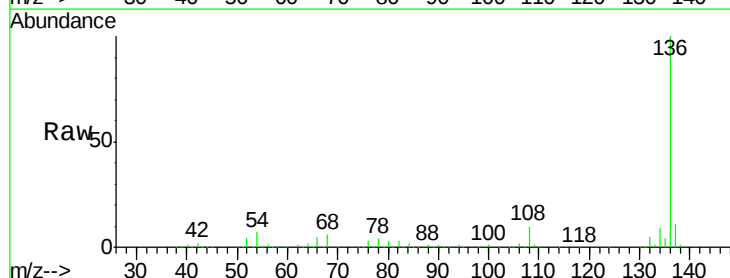
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 6.1 5.0 7.4

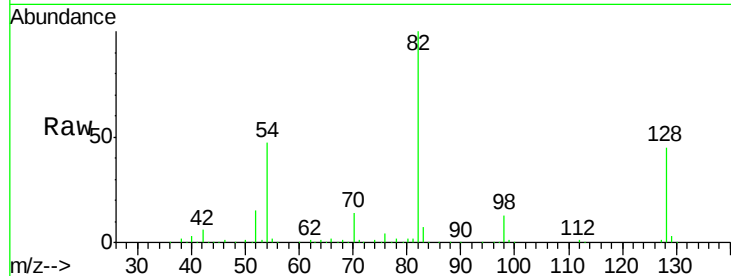




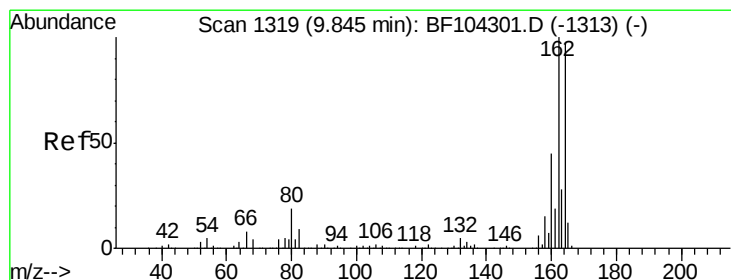
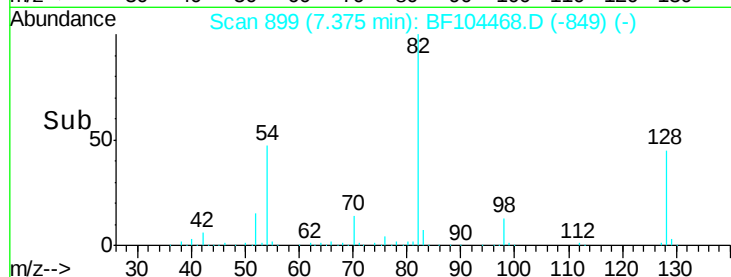
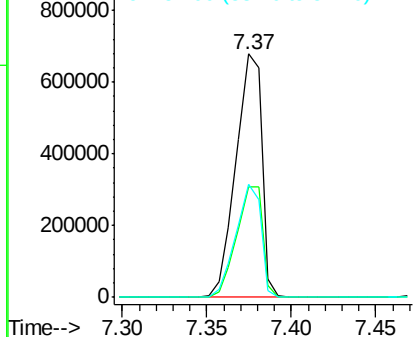
#23
 Nitrobenzene-d5
 Concen: 108.043 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104468.D
 Acq: 12 Apr 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200029

Tot Ion: 82 Resp: 726887
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 46.6 41.4 62.2

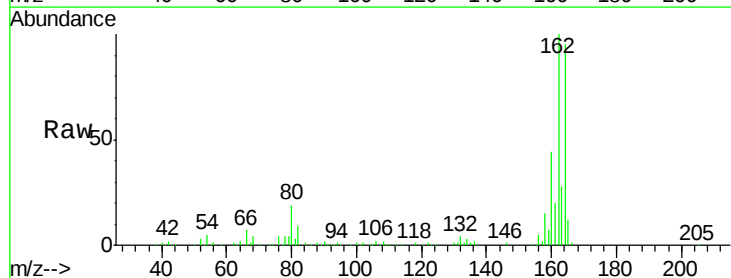


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

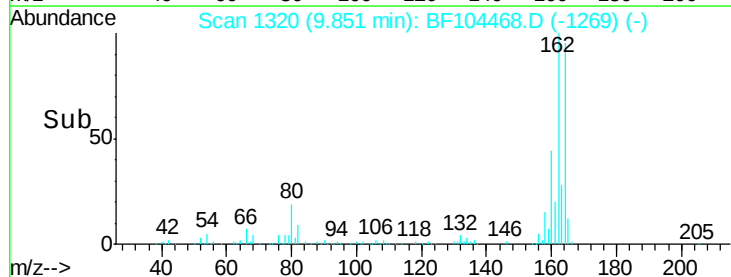
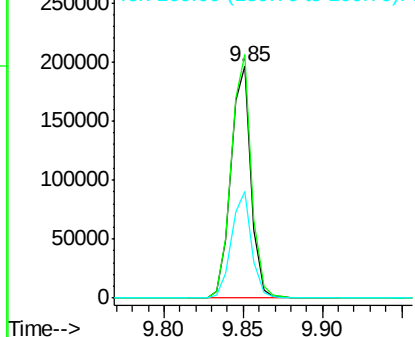


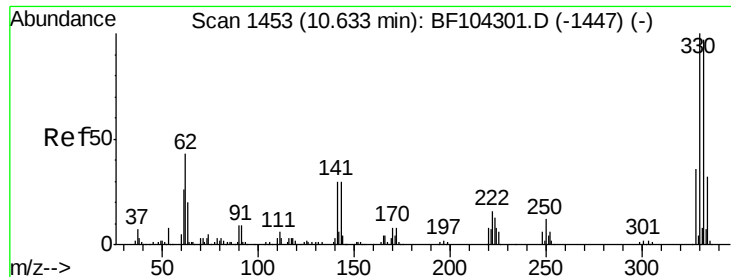
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104468.D
 Acq: 12 Apr 2018 22:57

Tgt Ion:164 Resp: 172185
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 45.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

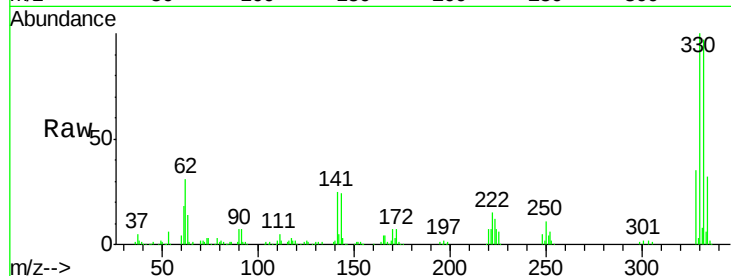




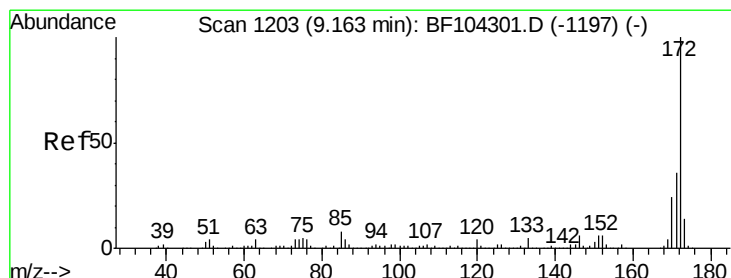
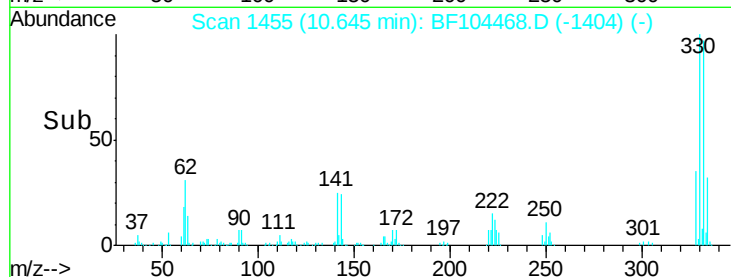
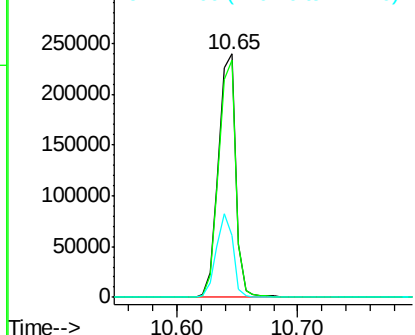
#41
 2,4,6-Tribromophenol
 Concen: 131.978 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104468.D
 Acq: 12 Apr 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200029

Tot Ion:330 Resp: 235728
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.3 29.9 44.9

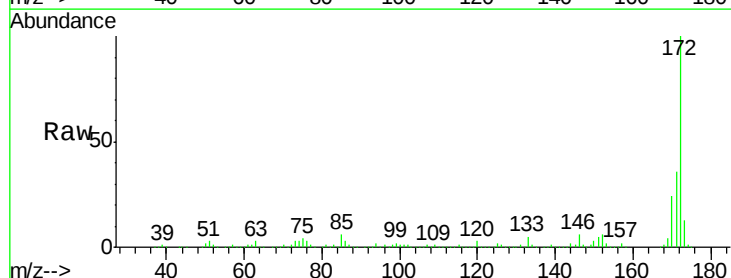


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

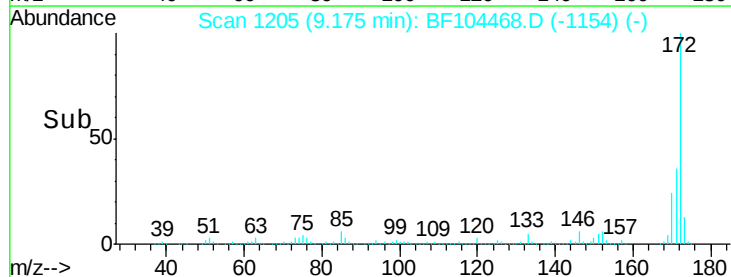
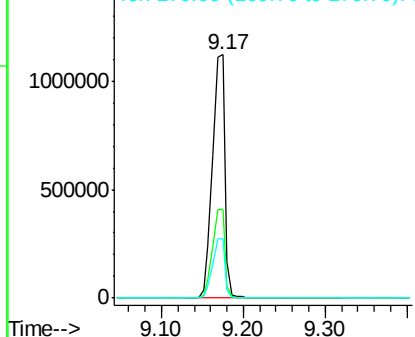


#44
 2-Fluorobiphenyl
 Concen: 109.830 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104468.D
 Acq: 12 Apr 2018 22:57

Tgt Ion:172 Resp: 1197089
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

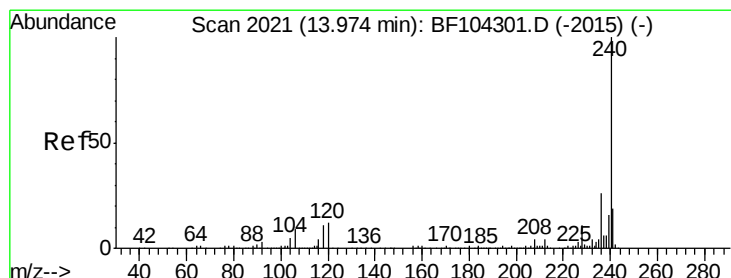
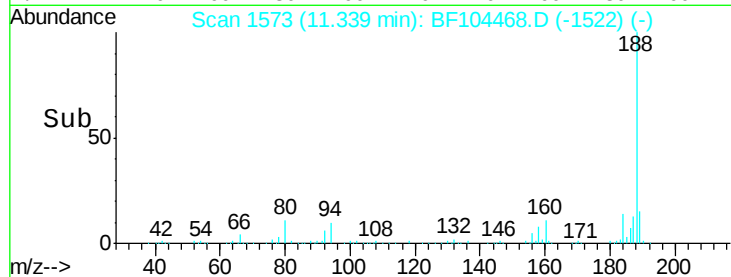
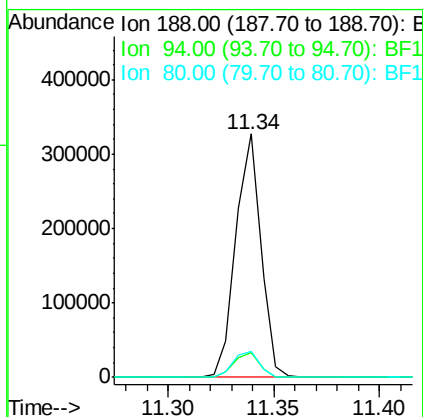
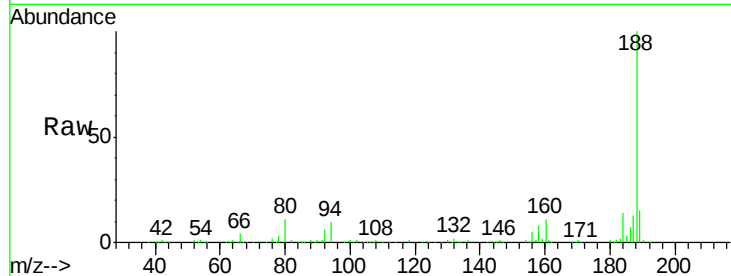




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104468.D
Acq: 12 Apr 2018 22:57

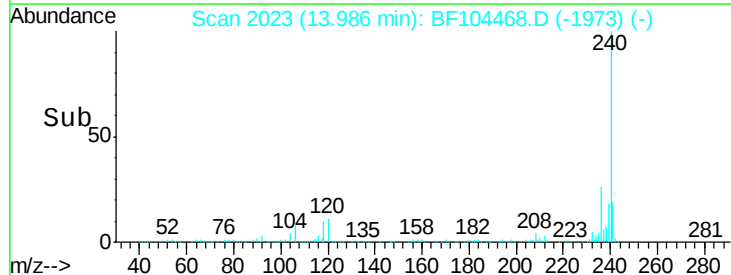
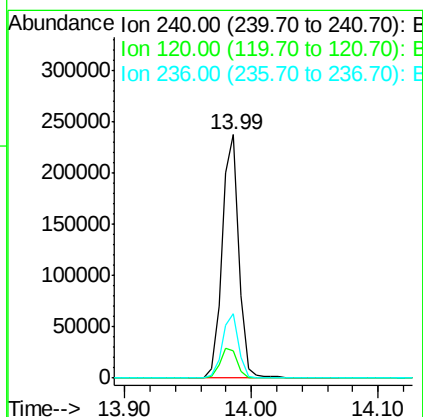
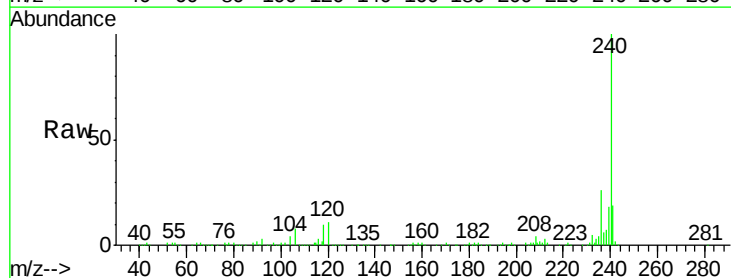
Instrument :
BNA_F
ClientSampleId :
RBR200029

Tot Ion:188 Resp: 268562
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104468.D
Acq: 12 Apr 2018 22:57

Tgt Ion:240 Resp: 217392
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.3 20.7 31.1

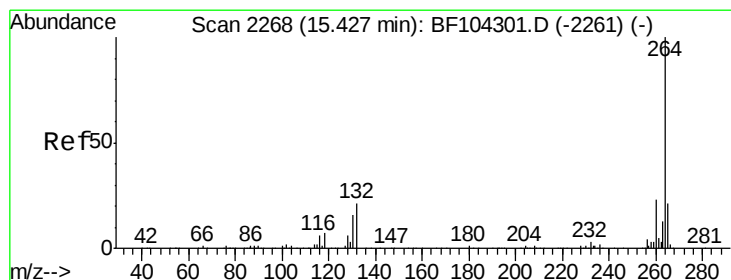
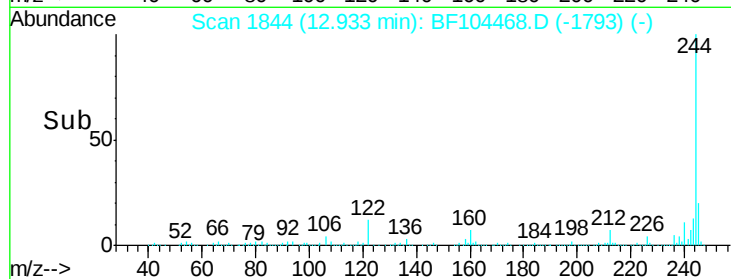
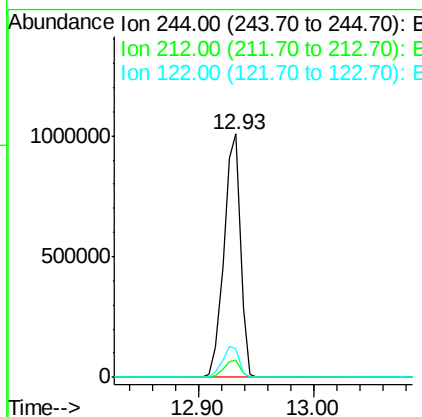
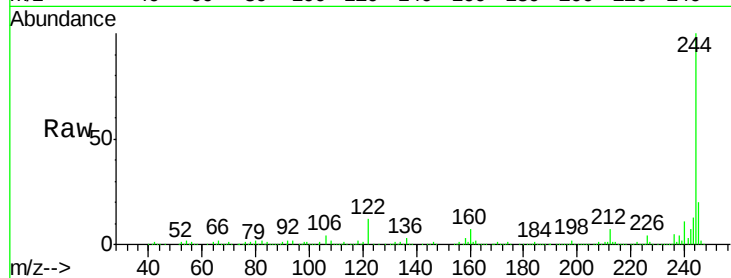




#78
 Terphenyl-d14
 Concen: 104.494 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104468.D
 Acq: 12 Apr 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200029

Tot Ion:244 Resp: 996394
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104468.D
 Acq: 12 Apr 2018 22:57

Tgt Ion:264 Resp: 157983
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.0 17.5 26.3

